

Currently, Doxygen docs generation happens on babelfish at 5:15am.

The following are some notes regarding setup by Nick Bartos at SG, who set things up originally:

This is the procedure for getting doxygen auto generation setup in a trac project:

1. Create one or more doxygen config files for your project. These must start with 'Doxyfile', and reside within a single directory in the subversion repository.

2. Test to make sure that the documentation is getting generated correctly:

```
svn co https://babelfish.arc.nasa.gov/svn/projectname
cd projectname/path/to/doxygen/configs
doxygen Doxyfile
firefox html/tree.html
```

3. Tell SG that you want doxygen auto generation setup for your trac project, and provide the name of the trac project and the path to the doxygen config files. You can modify the config files whenever you like, the changes will take effect within 24 hours (during the next regeneration cycle). You only need to notify SG if the path to your doxygen config files has changed.

4. SG will edit your trac.ini file and add a section similar to this:

```
[doxygen]
path = /data/cache/projectname/trunk/documentation
#default_documentation = stable
html_output = html
encoding = utf-8
index = tree.html
```

Generating Doxygen docs for versions other than the trunk

These are the steps we took (we basically followed the recommendations at <http://trac-hacks.org/wiki/DoxygenPlugin>):

- Created a 'doxygen' directory at the subversion root
- Filled that directory with 'Doxygen.*' files for each version we wanted (we also put sym links to the header/footer/css files)
- Created the DoxyGen page and set `wiki_index = DoxyGen` (SG has to do the trac.ini pieces).

Note that we now have two copies of the current Doxygen file (root/doxygen/Doxyfile.current.cfg and PLASMA/documentation/doxygen.cfg) that differ only by a couple of lines (paths are different from each). We need the former for wiki doxygen and the latter so that people who check out EUROPA can produce their own local copy of the documentation. Please let us know if you can think of a cleaner way to do this.